Att'y Dkt. No.: 358275.20020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MUKAIDA, et al Art Unit:

Appl. Serial No.: 10/567,681 Examiner:

Filing Date: February 9, 2006 Atty. Docket: 358275.20020

Title: Polypeptide Specific to Liver Cancer, Polynucleotide Coding for the Polypeptide, and

RNA Molecule Inhibiting Expression of the Polypeptide

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office Customer Window, Mail Stop Amendment Randolph Building Alexandria, VA 22314

Sir:

Listed on the accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. **§§** 1.56, 1.97 and 1.98.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that an exhaustive search has been made, or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will review art of record in all 35 U.S.C. § 120 priority documents.

☑1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

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	The Information Disclosure Statement is being filed more than three months after the U.S. filing ND after the mailing date of the first Office Action on the merits, but before the mailing date of a dejection or Notice of Allowance.
	□a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
	□b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
	☐c. Attached is our check no in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(p).
Issue F	This Information Disclosure Statement is being filed more than three months after the U.S. filing dafter the mailing date of a Final Rejection or Notice of Allowance, but before payment of the ee. Applicants hereby petition that the Information Disclosure Statement be considered. Attached check no in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).
	□a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
	□b. I hereby certify that no item of information on this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
□ 4.	Relevance of the non-English language documents is discussed in the present specification.
	The document(s) was/were cited in a corresponding foreign application. A copy of a search issued in the foreign application is attached. An English language version of the foreign search is attached for the Examiner's information. M.P.E.P. § 609 (A)(3).
□6. hereto	A concise explanation of the relevance of the non-English language document(s) is attached or appears below.

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□ 7.	The Examiner's attention is directed to co-pending U.S. Patent Application No, filed, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.					
□8.	Copies of the documents were cited by or submitted to the Office in Application No, filed, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).					
☒ 9.	Other: Documents were cited in the International Sea	arch Report.				
	It is respectfully requested that the Examiner initial a	nd return a copy of the enclosed PTO-1449,				
and to	o indicate in the official file wrapper of this patent applic	cation that the documents have been				
conside	dered.					
	The Commissioner is hereby authorized to charge any	y fee deficiency, or credit any overpayment,				
to our I	r Deposit Account No. 50-0622					
	Resp	pectfully submitted,				
	REE	ED SMITH LLP				
	Ву:	Mark R. Shanks Reg. No. 33,781				
	/ /	Reg. 140. 33,761				
Date: _	10/27/Dle					
Suite 1- Falls C	Fairview Park Drive 1400 Church, VA 22042 641-4200	32256 PATENT TRADEMARK OFFICE				

Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office		ATTY, DOCK	ATTY. DOCKET NUMBER		SERIAL NUMBER			
		358275.2	0020	10/567,681				
		MUKAIDA	MUKAIDA, et. al.					
		FILING DATE	FILING DATE		GROUP			
		February	February 9, 2006					
Information I	Disclosure Statement by Applic	ant						
		U.S. Pa	itent Documents					
Examiner	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-	FILING DATE		

Examiner	DOCUMENT NUMBER	DATE	Name	CLASS	SUB-	FILING DATE
Initial					CLASS	
				<u> </u>		
	6,383,791 B1	May 7, 2002	Kapeller		l	Aug. 23, 2000
	6,143,540	Nov. 7, 2000	Kapeller			Jan. 26, 1999
	2002/0115120	Aug. 22, 2002	Kappeller-Libermann,			Oct. 4, 2001
	A1		et al.	<u> </u>		
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Foreign Patent Documents

Examiner	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- TRANSLA		LATION
Initial					CLASS	YES	No
,	WO 03/060130 A2	Jul. 24, 2003	PCT			X	,
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Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	 Nakamoto, Y., Guidotti, L.G., Kuhlen, C.V., Fowler, P. and Chisari, F.V. 1998. Immune pathogenesis of hepatocellular carcinoma, J. Exp. Med., 188(2):341-350. Chisari, F.V., Fillipi, P., McLachlan, A., Milich, D.R., Riggs, M. Lee, S., Palmiter, R.D., Pinkert, C.A., and Brinster, R.L. 1986. Expression of hepatitis B virus large envelope polypeptide inhibits hepatitis B surface antigen secretion in transgenic mice. J. Virol. 60:880-887. 				
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	Ito, T., and Sakaki, Y. 1999. Fluorescent differential display: a fast and reliable method for message display polymerase chain reaction. Methods enzymol. 303:298-309.				
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	Elbashir, S.M., Harborth, J., Weber, K., and Tuschl, T. 2002. Analysis of gene function in somatic mammalian cells using small interfering RNAs. Methods. 26(2):199-213.				
Examiner	DATE CONSIDERED				

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant